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Method To Receive Local Information With A National Broadcast Service

Abstract of the Disclosure

A receiver is disclosed. The receiver includes a channel decoder select circuit, a plurality of communication channels, at least one maximum ratio combiner circuit, and a forward error correction circuit. The plurality of communication channels receives wireless information from channel demodulators and are in communication with respective channel decoder circuits, which are in communication with the channel decoder select circuit. The at least one maximum ratio combiner circuit receives the wireless information from the plurality of communication channels. The output of the maximum ratio combiner is communicated to the forward error correction circuit, the output of which is communicated to the channel decoder select circuit. A pseudo bit error measurement feedback signal communicated to the maximum ratio combiner from one of the plurality of channel decoder circuits. A method for finding wireless satellite signals that minimizes errors in a receiver system is also disclosed. It is emphasized that this abstract is provided to comply with the rules requiring an abstract that will allow a searcher or other reader to quickly ascertain the subject matter of the technical disclosure. It is submitted with the understanding that it will not be used to interpret or limit the scope or meaning of the claims.